

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
21 April 2005 (21.04.2005)

PCT

(10) International Publication Number
WO 2005/036148 A1

(51) International Patent Classification⁷: **G01N 23/04**,
21/88, 21/956, 21/84, G01B 11/24

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(21) International Application Number:
PCT/KR2003/002118

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(22) International Filing Date: 14 October 2003 (14.10.2003)

(25) Filing Language: English

(26) Publication Language: English

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(81) Designated States (*national*): AE, AG, AL, AM, AT, AU,
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,
CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE,
GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,
MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC,
SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA,
UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

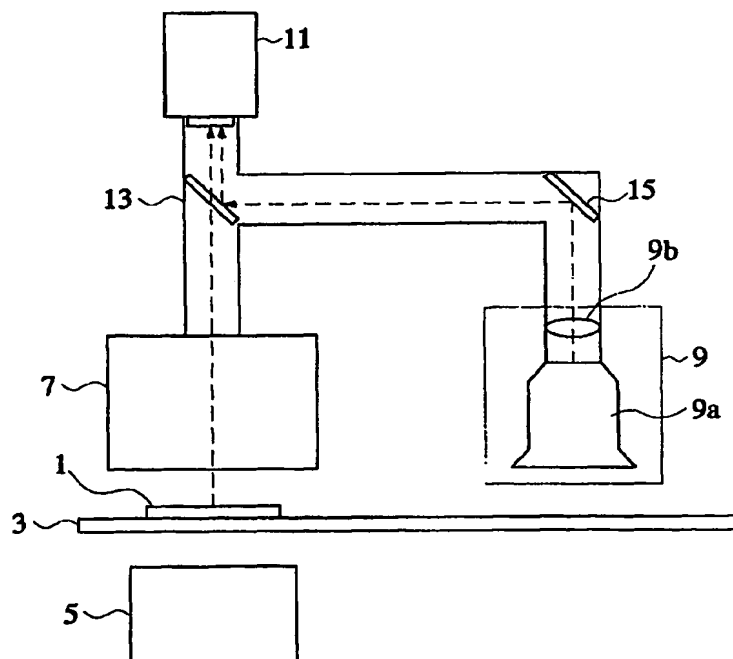
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(84) Designated States (*regional*): ARIPO patent (GH, GM,
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO,
SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM,
GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: PRINTED CIRCUIT BOARD INSPECTION SYSTEM COMBINING X-RAY INSPECTION AND VISUAL INSPECTION



(57) Abstract: A circuit board inspection system combining an X-RAY inspection and a visual inspection comprises a transfer unit (3) that lands an inspected object (1) safely thereon and transfers the inspected object (1) to a predetermined position; a light generating unit (5) that is installed below the transfer unit (3) and emits a light having a predetermined wavelength to the inspected object (1); a light amplifying unit (7) that is installed on the opposite side of the light generating unit (5) to convert and amplify a predetermined light that transmits the inspected object (1) into a visible light; an optical unit (9) that optically illuminates the inspected object (1) to create a visual image; and a camera (11) that receives an X-ray image amplified through the light amplifying unit (7) or a visual image by the optical unit (9) to obtain information.



Published:

— with international search report

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